

REMARKS

Claim Rejection - 35 U.S.C. §103

Claims 26-34 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Shipwash in view of Shipway et al.

In response, Applicants have amended independent claim 26 to include, “electrodes adapted to create a field to guide nucleotides from the first channel into the second channel.” Support for this amendment can be found in paragraph [0025] of the specification and Figure 1. This feature is neither taught nor suggested by either Shipwash or Shipway et al. Shipwash discloses several devices for sequencing all of which use forced fluid flow as exemplified by Shipwash’s Figure 14. Nowhere does Shipwash disclose or suggest using electrodes to create a field to guide nucleotides into a channel. Further, Shipway et al. is totally silent on the use of electrodes to create a field to guide nucleotides, let alone to guide nucleotides from a first channel into a second channel. Thus, the combination of Shipwash and Shipway et al. does not teach all of the features of amended claim 26 or any of the claims that depend from claim 26.

In view of the above amendment, applicant believes the pending application is in condition for allowance.

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Respectfully submitted,

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